REMARKS

Applicant thanks the Examiner for approving the drawings filed on August 2, 2002.

Claims 10, 12, 14, 16, and 17 are all the claims pending in the application. Applicant amends claims 10, 12, 14, 16, and 17 to more clearly recite features of the embodiments as defined therein. These are merely clarify amendments. No estoppel is created.

The Examiner rejects claims 10 and 16 under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent 5,884,148 to Bilgic et al. Applicant respectfully traverses this rejection. The Examiner alleges that Bilgic discloses all of the features of Applicant's invention as claimed in claims 10 and 16. Applicant respectfully disagrees.

For example, one of the claimed features of Applicant's invention as claimed in claims 10 and 16 is transmitting dialing signals to a base station each time they are produced. Bilgic does not disclose or suggest this feature. Bilgic discloses that dial signals, such as DTMF tone signals or pulse signals, are generated by the telephone or CPE (Bilgic, column 9, lines 1-4). The base station stores the dialed signals (the numbers dialed) and formats them appropriately according to the numbering plan of the locality in which the base station is situated (Bilgic, column 11, lines 38-48). Once all of the numbers have been dialed, the base station inserts the entire string of numbers at a call setup message that transmits all of the numbers at once to the base station controller (Bilgic, column 12, lines 49-55). In other words, the base station sends all of the dialing signals to the base station controller all together at one time, not each time they are produced as claims 10 and 16 require.

Because Bilgic does not disclose or suggest at least this feature of "transmitting the dialing signals to a base station control station each time they are produced", claims 10 and 16 are not anticipated by (i.e. are not readable on) Bilgic at least for this reason.

The Examiner rejects claims 12, 14 and 17 under 35 U.S.C. § 103(a) as being unpatentable over Bilgic in view of U.S. Patent 6,047,181 to Suonvieri. Applicant respectfully traverses this rejection. The combination of Bilgic and Suonvieri does not teach or suggest all of the features of Applicant's invention as claimed in claims 12, 14 an 17, and furthermore it would not have been obvious to one of skill in the art to combine the references in the manner suggested by the Examiner.

One of the claimed features of Applicant's invention as defined in claims 12, 14 and 17 is transmitting dialing signals to a base station each time they are produced. As discussed above with respect to claims 10 and 16, Bilgic does not disclose or suggest this feature. Suonvieri does not supply this deficiency in Bilgic, as Suonvieri does not discuss, and does not at all relate to the manner of transmission of dialing signals among different parts of a radio communications system.

In addition, the Examiner acknowledges that Bilgic does not disclose or suggest a base station including means for deciding whether a dialing signal represents a final digit of a dialed telephone number or not as further required by Applicant's claims 12, 14, and 17. The Examiner suggests that Suonvieri discloses this feature at column 5, lines 19-39. Applicant respectfully disagrees.

The portion of the specification of Suonvieri cited by the Examiner does not relate to deciding whether a dialing signal represents a final digit of a dialed telephone number, as the claims require. Rather, Suonvieri describes how the dynamic changing of timing advance ranges in and among cells in a cellular telephone network can be done by either the base station or the base station controller (Suonvieri, column 5, lines 31-38). Suonvieri is totally unrelated to deciding whether a dialing signal represents a final digit of a dialed telephone number. Therefore, Suonvieri fails to supply the deficiency in Bilgic with respect this feature of the claims as well.

Because the combination of Suonvieri and Bilgic does not disclose or suggest these claimed features, claims 12, 14, and 17 would not have been obvious from Bilgic and Suonvieri at least for this reason. In addition, one of ordinary skill in the art would not have been motivated to combine these references in the manner suggested by the Examiner, because they teach unrelated technologies.

For example, Bilgic relates to connecting a standard non-wireless device with a wireless system, while providing flexibility with respect to the telephone numbering scheme and dialing signal analysis of the systems geographic location (Bilgic, column 2, lines 29-36). By contrast, Suonvieri relates to intracell capacity allocation and intracell handover in conventional cellular telephone systems (Suonvieri, column 1, lines 11-14). There is no overlap in the teachings of the inventions of these references, and no suggestion in either reference that would motivate combining one with the other. In particular, the invention of Suonvieri has no need for

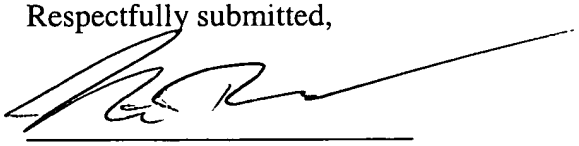
connecting a standard non-wireless device with a wireless system, because it relates solely to connecting conventional wireless devices together.

Therefore, because the references teach unrelated, separate and distinct technologies, one of ordinary skill in the art would not have been motivated to combine the references to achieve Applicant's invention.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned attorney at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



Stan Torgovitsky
Registration No. 43,958

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

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APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

The claims are amended as follows:

10. (Currently Amended) A radio access system comprising:

means for producing dialing signals;

means for transmitting the dialing signals to a base station each time they are produced; and

a base station in radio communication with said means for producing dialing signals, said base station including means for deciding whether a dialing signal represents a final digit of a dialed telephone number or not, wherein

said means for producing dialing signals includes a telephone set having a dial pad with keys, a dialing signal being generated when a key of said dial pad is pushed.

12. (Currently Amended) A radio access system comprising:

means for producing dialing signals;

means for transmitting the dialing signals to a base station control station each time they are produced; and

~~a~~ said base station control station in radio communication with said means for producing dialing signals, said base station control station including means for deciding whether a dialing signal represents a final digit of a dialed telephone number or not, wherein

said means for producing dialing signals includes a telephone set having a dial pad with keys, a dialing signal being generated when a key of said dial pad is pushed.

14. (Currently Amended) A radio access system comprising:

means for producing dialing signals;

means for transmitting the dialing signals to a base station control station each time they are produced;

a base station in radio communication with said means for producing dialing signals; and

~~a~~ said base station control station in radio communication with said means for producing dialing signals through said base station, said base station control station including means for deciding whether a dialing signal represents a final digit of a dialed telephone number or not, wherein

said means for producing dialing signals includes a telephone set having a dial pad with keys, a dialing signal being generated when a key of said dial pad is pushed.

16. (Currently Amended) A radio access method comprising the steps of:

producing dialing signals when a key of a dial pad is pushed;

transmitting dialing signals to a base station control station each time they are produced; and

deciding at a base station whether a dialing signal represents a final digit of a dialed telephone number or not.

17. (Currently Amended) A radio access method comprising the steps of:

producing dialing signals when a key of a dial pad is pushed;

transmitting dialing signals to a base station control station each time they are produced; and

deciding at ~~a~~ said base station control station whether a dialing signal represents a final digit of a dialed telephone number or not.